

Nucleotide Protein Genome Structure PMC Taxonomy OMIM Book Search PubMed for amyloid AND hexafluoroisopropanol Go Clear Limits Preview/Index History Clipboard Details About Entrez Limits: only items with abstracts, English Display Summary Show: 200 Send to Text Text Version Items 1-9 of 9 One page. Entrez PubMed 1: Vieira EP, Hermel H, Mohwald H. Related Articles, Links Overview Help | FAQ Change and stabilization of the amyloid-beta(1-40) secondary structure by Tutorial fluorocompounds. New/Noteworthy Biochim Biophys Acta. 2003 Jan 31;1645(1):6-14. E-Utilities PMID: 12535605 [PubMed - indexed for MEDLINE] **PubMed Services** 2: Kessler JC, Rochet JC, Lansbury PT Jr. Related Articles, Links Journals Database The N-terminal repeat domain of alpha-synuclein inhibits beta-sheet and MeSH Database Single Citation Matcher amyloid fibril formation. **Batch Citation Matcher** Biochemistry. 2003 Jan 28;42(3):672-8. Clinical Queries PMID: 12534279 [PubMed - indexed for MEDLINE] LinkOut Cubby 3: Higham CE, Jaikaran ET, Fraser PE, Gross M, Clark A. Related Articles, Links Preparation of synthetic human islet amyloid polypeptide (IAPP) in a stable Related Resources Order Documents conformation to enable study of conversion to amyloid-like fibrils. NLM Gateway FEBS Lett. 2000 Mar 17;470(1):55-60. TOXNET PMID: 10722845 [PubMed - indexed for MEDLINE] Consumer Health Clinical Alerts 4: Szabo Z, Klement E, Jost K, Zarandi M, Soos K, Penke B. Related Articles, Links ClinicalTrials gov PubMed Central An FT-IR study of the beta-amyloid conformation: standardization of aggregation grade. Privacy Policy Biochem Biophys Res Commun. 1999 Nov 19;265(2):297-300. PMID: 10558860 [PubMed - indexed for MEDLINE] 5: Thunecke M, Lobbia A, Kosciessa U, Dyrks T, Oakley AE, Turner Related Articles, Links J, Saenger W, Georgalis Y. Aggregation of A beta Alzheimer's disease-related peptide studied by dynamic light scattering. J Pept Res. 1998 Dec;52(6):509-17. PMID: 9924995 [PubMed - indexed for MEDLINE] 6: Wille H. Zhang GF, Baldwin MA, Cohen FE, Prusiner SB. Related Articles, Links Separation of scrapie prion infectivity from PrP amyloid polymers. J Mol Biol. 1996 Jun 21;259(4):608-21. PMID: 8683568 [PubMed - indexed for MEDLINE] 7: Chan W. Fornwald J. Brawner M. Wetzel R. Related Articles, Links Native complex formation between apolipoprotein E isoforms and the Alzheimer's disease peptide A beta. Biochemistry. 1996 Jun 4;35(22):7123-30. PMID: 8679539 [PubMed - indexed for MEDLINE] 8: Wille H. Baldwin MA, Cohen FE, DeArmond SJ, Prusiner SB. Related Articles, Links

Prion protein amyloid: separation of scrapie infectivity from PrP polymers.

b

Ciba Found Symp. 1996;199:181-99; discussion 199-201.

e ch

fcg

h

cb

h g

е

PMID: 8915611 [PubMed - indexed for MEDLINE]

9: Barrow CJ, Yasuda A, Kenny PT, Zagorski MG.

Related Articles, Links

Solution conformations and aggregational properties of synthetic amyloid beta-peptides of Alzheimer's disease. Analysis of circular dichroism spectra. J Mol Biol. 1992 Jun 20;225(4):1075-93.

PMID: 1613791 [PubMed - indexed for MEDLINE]

Display Summary → Show: 200 → Sort → Send to Text →

Items 1-9 of 9

One page.

Write to the Help Desk
NCBI | NLM | NIH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

Jun 12/2003 10:19:17



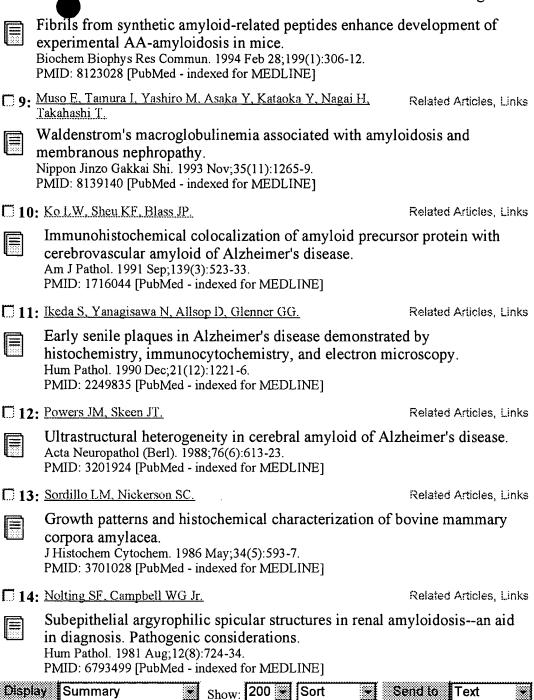




Nucleotide Protein Genome Structure **PMC** Taxonomy MIMO Book Search PubMed for amyloid AND silver AND fibril Clear Go Limits Preview/Index History Clipboard Details About Entrez Limits: only items with abstracts, English Display Summary Show: 200 * Send to Text Text Version Items 1-14 of 14 One page. Entrez PubMed 1: Lundmark K, Westermark GT, Nystrom S, Murphy CL, Solomon A. Related Articles, Links Overview Help | FAQ Transmissibility of systemic amyloidosis by a prion-like mechanism. Tutorial Proc Natl Acad Sci U S A. 2002 May 14;99(10):6979-84. Erratum in: Proc Natl Acad Sci U New/Noteworthy E-Utilities S A. 2003 Mar 18;100(6):3543. PMID: 12011456 [PubMed - indexed for MEDLINE] **PubMed Services** 2: Yu J. Guo JT, Zhu H, Kindy MS. Related Articles, Links Journals Database MeSH Database Amyloid formation in the rat: adenoviral expression of mouse serum Single Citation Matcher amyloid A proteins. **Batch Citation Matcher** Amyloid. 2000 Mar;7(1):32-40. Clinical Queries PMID: 10842703 [PubMed - indexed for MEDLINE] LinkOut Cubby 3. Mambule C. Ando Y. Anan I. Holmgren G. Sandgren O. Stigbrandt Related Articles, Links T. Tashima K. Subr OB. Related Resources Order Documents Enhancement of AA-amyloid formation in mice by transthyretin amyloid **NLM Gateway** fragments and polyethylene glycol. TOXNET Biochim Biophys Acta. 2000 May 1;1474(3):331-6. Consumer Health PMID: 10779684 [PubMed - indexed for MEDLINE] Clinical Alerts ClinicalTrials gov 4: Kindy MS, Rader DJ. Related Articles, Links PubMed Central Reduction in amyloid A amyloid formation in apolipoprotein-E-deficient Privacy Policy mice. Am J Pathol. 1998 May;152(5):1387-95. PMID: 9588907 [PubMed - indexed for MEDLINE] 5: Hoshii Y, Kawano H, Cui D, Takeda T, Gondo T, Takahashi M. Related Articles, Links Kogishi K, Higuchi K, Ishihara T. Amyloid A protein amyloidosis induced in apolipoprotein-E-deficient mice. Am J Pathol. 1997 Oct; 151(4):911-7. PMID: 9327723 [PubMed - indexed for MEDLINE] 6: Cathcart ES, Carreras I, Elliott-Bryant R, Liang JS, Gonnerman Related Articles, Links WA, Sipe JD. Polymorphism of acute-phase serum amyloid A isoforms and amyloid resistance in wild-type Mus musculus czech. Clin Immunol Immunopathol. 1996 Oct;81(1):22-6. PMID: 8808637 [PubMed - indexed for MEDLINE] 7: Gonnerman WA, Elliott-Bryant R, Carreras I, Sipe JD, Cathcart ES. Related Articles, Links Linkage of protection against amyloid fibril formation in the mouse to a single, autosomal dominant gene. J Exp Med. 1995 Jun 1;181(6):2249-52. PMID: 7760010 [PubMed - indexed for MEDLINE]

8: Ganowiak K, Hultman P, Engstrom U, Gustavsson A, Westermark Related Articles, Links

bе



Write to the Help Desk NCBI | NLM | NIH Department of Health & Human Services

Freedom of Information Act | Disclaimer

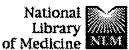
Jun 12 2003 10:19:17

One page.

Items 1-14 of 14







***************************************	00000000000					ON CONCREMENT .		
PubMed	Nucleotide	Protein	Genome	Structure	PMC	Taxonomy	MIMO	Boo
Search PubMed	i •	for amyloid	AND butanol			Go Clear		
About Entrez	. ")	☑ Limits	Preview/Index	Hist	ory	Clipboard	Det	ails
	Limi Limi	ts: only iter	ns with abstract	s, English				
Text Version	Dis	play Summ	пагу 🔻	Show: 200	◆ Sort	▼ Send t	p Text	
		Ite	ems 1-2 of 2				One	page
Entrez PubMed	□ 1	: Kim HJ, Mo	oon KD, Lee DS, Le	e SH.		Rela	ated Articles,	Links
Overview Help FAQ Tutorial New/Noteworthy E-Utilities		Ethyl ether fraction of Gastrodia elata Blume protects amyloid beta pept induced cell death. J Ethnopharmacol. 2003 Jan;84(1):95-8. PMID: 12499082 [PubMed - indexed for MEDLINE]						
PubMed Service Journals Database MeSH Database Single Citation Mai Batch Citation Mai Clinical Queries LinkOut Cubby	s □ 2	2: McAdam K	P. Ryan JL.			Rela	ated Articles,	Links
		bacterial l J Immunol.	L/10/CR mice: nonresponders to activation by the lipid a moiety of all lipopolysaccharide. nol. 1978 Jan;120(1):249-53. 342603 [PubMed - indexed for MEDLINE]					f

NLM Gateway TOXNET Consumer Health Clinical Alerts ClinicalTrials gov PubMed Central

Related Resources Order Documents

Privacy Policy

h

Write to the Help Desk

NCBI | NLM | NIH

Department of Health & Human Services

Freedom of Information Act | Disclaimer

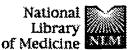
b e

Jun 12 2003 10:19:17

cb hgeeefcg ech







Related Articles, Links

b e

Nucleotide Protein **PMC** Taxonomy OMIM Genome Structure Book Search PubMed for lamyloid AND trifluoroethanol Clear Limits Clipboard Preview/Index History Details About Entrez Limits: only items with abstracts, English Display Summary Show: 200 Send to **Text Version** Items 1-47 of 47 One page. Entrez PubMed 1: Satheeshkumar KS, Jayakumar R. Related Articles, Links Overview Help | FAQ Conformational polymorphism of the amyloidogenic Peptide homologous to Tutorial residues 113-127 of the prion protein. New/Noteworthy Biophys J. 2003 Jul;85(1):473-83. E-Utilities PMID: 12829502 [PubMed - in process] PubMed Services 2: Koga T, Taguchi K, Kobuke Y, Kinoshita T, Higuchi M. Related Articles, Links Journals Database MeSH Database Structural regulation of a Peptide-conjugated graft copolymer: a simple Single Citation Matcher model for amyloid formation. Batch Citation Maicher Chemistry. 2003 Mar 3;9(5):1146-56. Clinical Queries PMID: 12596151 [PubMed - in process] LinkOut Cubby 13: Srisailam S, Kumar TK, Rajalingam D, Kathir KM, Sheu HS, Jan Related Articles, Links FJ, Chao PC, Yu C. Related Resources Amyloid-like fibril formation in an all beta-barrel protein. Partially Order Documents structured intermediate state(s) is a precursor for fibril formation. **NLM Gateway** TOXNET J Biol Chem. 2003 May 16;278(20):17701-9. Epub 2003 Feb 12. Consumer Health PMID: 12584201 [PubMed - indexed for MEDLINE] Clinical Alerts ClinicalTrials gov 4: Vieira EP, Hermel H, Mohwald H. Related Articles, Links PubMed Central Change and stabilization of the amyloid-beta(1-40) secondary structure by Privacy Policy fluorocompounds. Biochim Biophys Acta. 2003 Jan 31;1645(1):6-14. PMID: 12535605 [PubMed - indexed for MEDLINE] 5: Crescenzi O, Tomaselli S, Guerrini R, Salvadori S, D'Ursi AM. Related Articles, Links Temussi PA, Picone D. Solution structure of the Alzheimer amyloid beta-peptide (1-42) in an apolar microenvironment. Similarity with a virus fusion domain. Eur J Biochem. 2002 Nov;269(22):5642-8. PMID: 12423364 [PubMed - indexed for MEDLINE] 6: Andreola A. Bellotti V. Giorgetti S. Mangione P. Obici L. Stoppini Related Articles, Links M. Torres J. Monzani E. Merlini G. Sunde M. Conformational switching and fibrillogenesis in the amyloidogenic fragment of apolipoprotein a-I. J Biol Chem. 2003 Jan 24;278(4):2444-51. Epub 2002 Nov 05. PMID: 12421824 [PubMed - indexed for MEDLINE] 7: Zerovnik E, Turk V, Waltho JP. Related Articles, Links Amyloid fibril formation by human stefin B: influence of the initial pHinduced intermediate state. Biochem Soc Trans. 2002 Aug;30(4):543-7. Review. PMID: 12196133 [PubMed - indexed for MEDLINE]

h cb hgeeefcg ech

8: Fezoui Y, Teplow DB.

h

cb

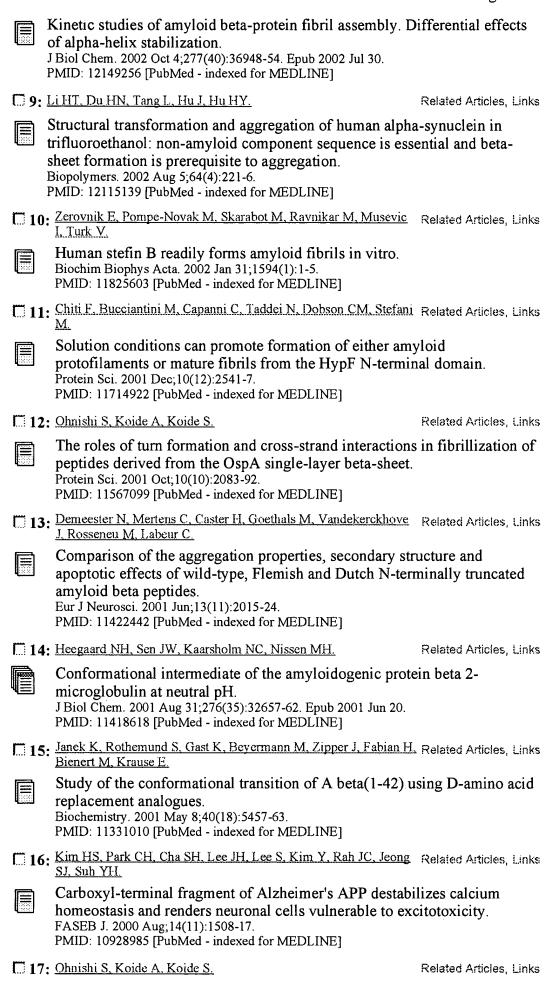
h g

e e

e fcg

e ch

b e





Solution conformation and amyloid-like fibril formation of a polar peptide derived from a beta-hairpin in the OspA single-layer beta-sheet.

J Mol Biol. 2000 Aug 11;301(2):477-89.

PMID: 10926522 [PubMed - indexed for MEDLINE]

18: MacPhee CE, Dobson CM.

Related Articles, Links

Chemical dissection and reassembly of amyloid fibrils formed by a peptide fragment of transthyretin.

J Mol Biol. 2000 Apr 14;297(5):1203-15.

PMID: 10764584 [PubMed - indexed for MEDLINE]

19: Chiti F, Taddei N, Bucciantini M, White P, Ramponi G, Dobson Related Articles, Links



Mutational analysis of the propensity for amyloid formation by a globular protein.

EMBO J. 2000 Apr 3;19(7):1441-9.

PMID: 10747012 [PubMed - indexed for MEDLINE]

20: Higham CE, Jaikeran ET, Fraser PE, Gross M, Clark A.

Related Articles, Links



Preparation of synthetic human islet amyloid polypeptide (IAPP) in a stable conformation to enable study of conversion to amyloid-like fibrils.

FEBS Lett. 2000 Mar 17;470(1):55-60.

PMID: 10722845 [PubMed - indexed for MEDLINE]

21: Schladitz C, Vieira EP, Hermel H, Mohwald H.

Related Articles, Links



Amyloid-beta-sheet formation at the air-water interface.

Biophys J. 1999 Dec;77(6):3305-10.

PMID: 10585952 [PubMed - indexed for MEDLINE]

122: McLaurin J, Franklin T, Zhang X, Deng J, Fraser PE.

Related Articles, Links



Interactions of Alzheimer amyloid-beta peptides with glycosaminoglycans effects on fibril nucleation and growth.

Eur J Biochem. 1999 Dec;266(3):1101-10.

PMID: 10583407 [PubMed - indexed for MEDLINE]

23: Lee S. Suh YH, Kim S, Kim Y.

Related Articles, Links



Comparison of the structures of beta amyloid peptide (25-35) and substance P in trifluoroethanol/water solution.

J Biomol Struct Dyn. 1999 Oct; 17(2):381-91.

PMID: 10563586 [PubMed - indexed for MEDLINE]

24: He W, Barrow CJ.

Related Articles, Links



The A beta 3-pyroglutamyl and 11-pyroglutamyl peptides found in senile plaque have greater beta-sheet forming and aggregation propensities in vitro than full-length A beta.

Biochemistry. 1999 Aug 17;38(33):10871-7.

PMID: 10451383 [PubMed - indexed for MEDLINE]

25: Damaschun G, Damaschun H, Gast K, Zirwer D.

Related Articles, Links



Proteins can adopt totally different folded conformations.

J Mol Biol. 1999 Aug 20;291(3):715-25.

PMID: 10448049 [PubMed - indexed for MEDLINE]

26: Wilce JA, Salvatore D, Wade JD, Craik DJ

Related Articles, Links



1H-NMR structural studies of a cystine-linked peptide containing residues 71-93 of transthyretin and effects of a Ser84 substitution implicated in familial amyloidotic polyneuropathy.

Eur J Biochem. 1999 Jun; 262(2):586-94.

e fcg

h

cb

hg

e ch

b e

PMID: 10336646 [PubMed - indexed for MEDLINE] 27: Chiti F, Webster P, Taddei N, Clark A, Stefani M, Ramponi G, Related Articles, Links Dobson CM. Designing conditions for in vitro formation of amyloid protofilaments and Proc Natl Acad Sci U S A. 1999 Mar 30;96(7):3590-4. PMID: 10097081 [PubMed - indexed for MEDLINE] 28: Thunecke M, Lobbia A, Kosciessa U, Dyrks T, Oakley AE, Tumer Related Articles, Links J. Saenger W. Georgalis Y. Aggregation of A beta Alzheimer's disease-related peptide studied by dynamic light scattering. J Pept Res. 1998 Dec;52(6):509-17. PMID: 9924995 [PubMed - indexed for MEDLINE] 29: El-Agnaf OM, Bodles AM, Guthrie DJ, Harriott P, Irvine GB. Related Articles, Links The N-terminal region of non-A beta component of Alzheimer's disease amyloid is responsible for its tendency to assume beta-sheet and aggregate to form fibrils. Eur J Biochem. 1998 Nov 15;258(1):157-63. PMID: 9851705 [PubMed - indexed for MEDLINE] 30: Decout A, Labeur C, Goethals M, Brasseur R, Vandekerckhove J, Related Articles, Links Rosseneu M. Enhanced efficiency of a targeted fusogenic peptide. Biochim Biophys Acta. 1998 Jun 24;1372(1):102-16. PMID: 9651495 [PubMed - indexed for MEDLINE] 31: Wimley WC, Hristova K, Ladokhin AS, Silvestro L, Axelsen PH, Related Articles, Links White SH. Folding of beta-sheet membrane proteins: a hydrophobic hexapeptide model. J Mol Biol. 1998 Apr 17;277(5):1091-110. PMID: 9571025 [PubMed - indexed for MEDLINE] 1 32: Laczko I, Vass E, Soos K, Varga JL, Szaraz S, Hollosi M, Penke Related Articles, Links В. Ca(2+)- and Al(3+)-induced conformational transitions of amyloid fragment H-Ile-Ile-Gly-Leu-Met-NH2. Arch Biochem Biophys. 1996 Nov 15;335(2):381-7. PMID: 8914936 [PubMed - indexed for MEDLINE] 133: Pillot T. Goethals M. Vanloo B. Talussot C. Brasseur R. Related Articles, Links Vandekerckhove J, Rosseneu M, Lins L. Fusogenic properties of the C-terminal domain of the Alzheimer betaamyloid peptide. J Biol Chem. 1996 Nov 15;271(46):28757-65. PMID: 8910517 [PubMed - indexed for MEDLINE] 34: Sticht H, Bayer P, Willbold D, Dames S, Hilbich C, Beyreuther K. Related Articles, Links Frank RW, Rosch P. Structure of amyloid A4-(1-40)-peptide of Alzheimer's disease. Eur J Biochem. 1995 Oct 1;233(1):293-8. PMID: 7588758 [PubMed - indexed for MEDLINE] 35: Szendrei GI, Fabian H, Mantsch HH, Lovas S, Nyeki O, Schon I. Related Articles, Links Otvos L Jr. Aspartate-bond isomerization affects the major conformations of synthetic

Eur J Biochem. 1994 Dec 15;226(3):917-24. Erratum in: Eur J Biochem 1995 Aug 1;231

h cb hg e e e fcg e ch b e

peptides.



PMID: 7813483 [PubMed - indexed for MEDLINE]

36: Laczko I, Holly S, Konya Z, Soos K, Varga JL, Hollosi M, Penke Related Articles, Links B

Conformational mapping of amyloid peptides from the putative neurotoxic 25-35 region.

Biochem Biophys Res Commun. 1994 Nov 30;205(1):120-6. PMID: 7999011 [PubMed - indexed for MEDLINE]

T37: De Gioia L, Selvaggini C, Ghibaudi E, Diomede L, Bugiani O, Forloni G, Tagliavini F, Salmona M.

Related Articles, Links

Conformational polymorphism of the amyloidogenic and neurotoxic peptide homologous to residues 106-126 of the prion protein.

J Biol Chem. 1994 Mar 18;269(11):7859-62.

PMID: 7907586 [PubMed - indexed for MEDLINE]

38: Jarvis JA, Munro SL, Craik DJ.

Related Articles, Links

Structural analysis of peptide fragment 71-93 of transthyretin by NMR spectroscopy and electron microscopy: insight into amyloid fibril formation.

Biochemistry. 1994 Jan 11;33(1):33-41.

PMID: 8286355 [PubMed - indexed for MEDLINE]

39: Safar J. Roller PP, Gaidusek DC, Gibbs CJ Jr.

Related Articles, Links

Thermal stability and conformational transitions of scrapie amyloid (prion) protein correlate with infectivity.

Protein Sci. 1993 Dec;2(12):2206-16.

PMID: 7905316 [PubMed - indexed for MEDLINE]

40: Otvos L Jr, Szendrei Gl, Lee VM, Mantsch HH.

Related Articles, Links

Human and rodent Alzheimer beta-amyloid peptides acquire distinct conformations in membrane-mimicking solvents.

Eur J Biochem. 1993 Jan 15;211(1-2):249-57. PMID: 8425535 [PubMed - indexed for MEDLINE]

41: McLean LR, Balasubramaniam A.

Related Articles, Links

Promotion of beta-structure by interaction of diabetes associated polypeptide (amylin) with phosphatidylcholine. Biochim Biophys Acta. 1992 Aug 21;1122(3):317-20.

PMID: 1504094 [PubMed - indexed for MEDLINE]

42: Zagorski MG, Barrow CJ.

Related Articles, Links

NMR studies of amyloid beta-peptides: proton assignments, secondary structure, and mechanism of an alpha-helix----beta-sheet conversion for a homologous, 28-residue, N-terminal fragment.

Biochemistry. 1992 Jun 23;31(24):5621-31.

PMID: 1610809 [PubMed - indexed for MEDLINE]

43: Barrow CJ. Yasuda A. Kenny PT. Zagorski MG.

Related Articles, Links

Solution conformations and aggregational properties of synthetic amyloid beta-peptides of Alzheimer's disease. Analysis of circular dichroism spectra.

J Mol Biol. 1992 Jun 20;225(4):1075-93.

PMID: 1613791 [PubMed - indexed for MEDLINE]

44: Laczko-Hollosi I. Hollosi M. Lee VM. Mantsch HH.

Related Articles, Links

Conformational change of a synthetic amyloid analogue des[Ala21,30]A42

upon binding to octyl glucoside micelles.

Eur Biophys J. 1992;21(5):345-8.

PMID: 1483409 [PubMed - indexed for MEDLINE]

45: Barrow CJ, Zagorski MG.

Related Articles, Links

Solution structures of beta peptide and its constituent fragments: relation to amyloid deposition.

Science. 1991 Jul 12;253(5016):179-82.

PMID: 1853202 [PubMed - indexed for MEDLINE]

1 46: Hubbard JA, Martin SR, Chaplin LC, Bose C, Kelly SM, Price NC.

Related Articles, Links

Solution structures of calcitonin-gene-related-peptide analogues of calcitonin-gene-related peptide and amylin.

Biochem J. 1991 May 1;275 (Pt 3):785-8.

PMID: 2039456 [PubMed - indexed for MEDLINE]

47: Hollosi M, Otvos L Jr, Kajtar J, Percel A, Lee VM.

Related Articles, Links

Is amyloid deposition in Alzheimer's disease preceded by an environmentinduced double conformational transition?

Pept Res. 1989 Jan-Feb;2(1):109-13.

PMID: 2520747 [PubMed - indexed for MEDLINE]

Display

Show: 200 Sort

Send to Text

One page.

Items 1-47 of 47

Write to the Help Desk NCBI | NLM | NIH Department of Health & Human Services Freedom of Information Act | Disclaimer

Jun 12 2003 10:19:17

e fcg







7.166		- ·				-		
PubMed Search PubMed	Nucleotide	for amyloid f	Genome	Structure	PMC	Taxonomy Go Clear	MIMO	loos:
Search produced		I Limits	Preview/Ind	***************************************		: 200000	rs.a.a.	o!lo
About Entrez	34	ILI LIHRS	rieviewiiiu	ex Histo	oi y	Clipboard	Deta	3115
	🌙 Lin	nits: only item	s with abstra	acts, English				
Text Version		splay Summa	*****	Show: 200	Sort	¥ Send t	Text One	page.
Entrez PubMed Overview Help FAQ Tutorial New/Noteworthy E-Utilities		1: Hasegawa K. Goto Y. Gejy	Ohhashi Y, Ya o F, Naiki H	maguchi I, Takal	hashi N. Tsı	utsumi S. Rela	ted Articles,	
		disulfide bo	ond. phys Res Comn	c peptides of l nun. 2003 Apr 25 indexed for ME	5;304(1):101	roglobulina r 1-6.	ole of the	
PubMed Services Journals Database MeSH Database Single Citation Match Batch Citation Match Clinical Queries LinkOut Cubby		2: Zhu L. Zhang	_		-	Rela	ted Articles,	Links
	her E	Relationship between stability of folding intermediates and amyloid formation for the yeast prion Ure2p: a quantitative analysis of the effects of pH and buffer system. J Mol Biol. 2003 Apr 18;328(1):235-54. PMID: 12684011 [PubMed - indexed for MEDLINE]						
Related Resource	es 🗀	3: Kessler JC, R	ochet JC, Lansl	oury PT Jr.		Rela	ted Articles,	Links
Order Documents NLM Gateway TOXNET Consumer Health Clinical Alerts ClinicalTrials gov PubMed Central		amyloid fib Biochemistry	oril formation . 2003 Jan 28;4:	·.	•	in inhibits beta	-sheet and	l
		4: Pham CL, Ha	tters DM, Lawr	ence L.J. Howlet	t GJ.	Rela	ted Articles,	Links
Privacy Policy		derivatives Biochemistry	of human ap . 2002 Dec 3;41	olipoprotein C	C-II.	C-terminal cy	steine	
		5: Andreola A, I M. Torres J, I	Bellotti V, Gior Monzani E, Mer	getti S. Mangion lini G. Sunde M	e P, Obici L	<u>, Stoppini</u> Rela	ted Articles,	Links
		Conformational switching and fibrillogenesis in the amyloidogenic fragment of apolipoprotein a-I. J Biol Chem. 2003 Jan 24;278(4):2444-51. Epub 2002 Nov 05. PMID: 12421824 [PubMed - indexed for MEDLINE]						
		6: Yonezawa Y. Fujiwara S.	Tanaka S, Kub	ota T, Wakabaya	ashi K, Yuta	<u>ni K.</u> Rela	ted Articles,	Links
		An Insight into the pathway of the amyloid fibril formation of hen egg white lysozyme obtained from a small-angle X-ray and neutron scattering study. J Mol Biol. 2002 Oct 18;323(2):237-51. PMID: 12381318 [PubMed - indexed for MEDLINE]						
		7: Pertinhez TA	Bouchard M, S	Smith RA, Dobse	on CM, Smi	t <u>h L.J.</u> Rela	ted Articles,	Links
		different co	and inhibition encentrations 202 Oct 9;529(2	of SDS.	mation by	a peptide in tl	ne presenc	e of

h

PMID: 12372599 [PubMed - indexed for MEDLINE]

8: Goda S, Takano K, Yamagata Y, Maki S, Namba K, Yutani K. Related Articles, Links Elongation in a beta-structure promotes amyloid-like fibril formation of human lysozyme. J Biochem (Tokyo). 2002 Oct; 132(4):655-61. PMID: 12359083 [PubMed - indexed for MEDLINE] 9: Fezoui Y, Teplow DB. Related Articles, Links Kinetic studies of amyloid beta-protein fibril assembly. Differential effects of alpha-helix stabilization. J Biol Chem. 2002 Oct 4;277(40):36948-54. Epub 2002 Jul 30. PMID: 12149256 [PubMed - indexed for MEDLINE] 10: Van Nostrand WE, Melchor JP. Related Articles, Links Disruption of pathologic amyloid beta-protein fibril assembly on the surface of cultured human cerebrovascular smooth muscle cells. Amyloid. 2001 Jul; 8 Suppl 1:20-7. PMID: 11676286 [PubMed - indexed for MEDLINE] 11: Walsh DM, Hartley DM, Condron MM, Selkoe DJ, Teplow DB. Related Articles, Links In vitro studies of amyloid beta-protein fibril assembly and toxicity provide clues to the aetiology of Flemish variant (Ala692-->Gly) Alzheimer's Biochem J. 2001 May 1;355(Pt 3):869-77. PMID: 11311152 [PubMed - indexed for MEDLINE] 12: Kim YS, Cape SP, Chi E, Raffen R, Wilkins-Stevens P, Stevens Related Articles, Links FJ, Manning MC, Randolph TW, Solomon A, Carpenter JF. Counteracting effects of renal solutes on amyloid fibril formation by immunoglobulin light chains. J Biol Chem. 2001 Jan 12;276(2):1626-33. PMID: 11050093 [PubMed - indexed for MEDLINE] 13: Poulsen SA, Watson AA, Fairlie DP, Craik DJ. Related Articles, Links Solution structures in aqueous SDS micelles of two amyloid beta peptides of A beta(1-28) mutated at the alpha-secretase cleavage site (K16E, K16F). J Struct Biol. 2000 Jun; 130(2-3):142-52. PMID: 10940222 [PubMed - indexed for MEDLINE] 14: Mambule C, Ando Y, Anan I, Holmgren G, Sandgren O, Related Articles, Links Stigbrandt T. Tashima K, Suhr OB. Enhancement of AA-amyloid formation in mice by transthyretin amyloid fragments and polyethylene glycol. Biochim Biophys Acta. 2000 May 1;1474(3):331-6. PMID: 10779684 [PubMed - indexed for MEDLINE] 15: Yang DS, Yip CM, Huang TH, Chakrabartty A, Fraser PE. Related Articles, Links Manipulating the amyloid-beta aggregation pathway with chemical chaperones. J Biol Chem. 1999 Nov 12;274(46):32970-4. PMID: 10551864 [PubMed - indexed for MEDLINE] 16: Howlett DR, George AR, Owen DE, Ward RV, Markwell RE. Related Articles, Links Common structural features determine the effectiveness of carvedilol, daunomycin and rolitetracycline as inhibitors of Alzheimer beta-amyloid fibril formation. Biochem J. 1999 Oct 15;343 Pt 2:419-23. PMID: 10510309 [PubMed - indexed for MEDLINE]

h cb hg e e e fcg e ch b e

□ 17:	Harper JD, Wong SS, Lieber CM, Lansbury PT Jr.	Related Articles, Links
	Assembly of A beta amyloid protofibrils: an in vitro morearly event in Alzheimer's disease. Biochemistry. 1999 Jul 13;38(28):8972-80. PMID: 10413470 [PubMed - indexed for MEDLINE]	del for a possible
□ 18:	McLaurin J, Franklin T, Chakrabartty A, Fraser PE.	Related Articles, Links
	Phosphatidylinositol and inositol involvement in Alzheir fibril growth and arrest. J Mol Biol. 1998 Apr 24;278(1):183-94. PMID: 9571042 [PubMed - indexed for MEDLINE]	mer amyloid-beta
□ 19:	Kisilevsky R. Lemieux L.J. Fraser PE, Kong X, Hultin PG, Szarek WA.	Related Articles, Links
	Arresting amyloidosis in vivo using small-molecule anic sulphates: implications for Alzheimer's disease. Nat Med. 1995 Feb;1(2):143-8. PMID: 7585011 [PubMed - indexed for MEDLINE]	onic sulphonates or
□ 20:	Scott DL, Bracken P, Bacon PA, Husby G.	Related Articles, Links
	Amyloid 'degrading factor activity': a non-specific calciveffect. Clin Sci (Lond). 1985 Mar;68(3):333-9. PMID: 3918827 [PubMed - indexed for MEDLINE]	um-mediated
Displa	Sort Sort Show: 200 Sort	end to Text -
	Items 1-20 of 20	One page.

Write to the Help Desk
NCBI | NLM | NIH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

Jun 12 2003 10:19:17







Nucleotide Protein **PMC** Genome Structure Taxonomy MIMO Book Search | PubMed for amyloid AND methanol Go Clear Limits Preview/Index History Clipboard Details About Entrez Limits: only items with abstracts, English Display | Summary Show: 200 * Send to Text Text Version Items 1-9 of 9 One page. Entrez PubMed 1: Lyon RP, Atkins WM. Related Articles, Links Overview Help | FAQ Self-assembly and gelation of oxidized glutathione in organic solvents. Tutorial J Am Chem Soc. 2001 May 16;123(19):4408-13. New/Noteworthy PMID: 11457225 [PubMed - indexed for MEDLINE] E-Utilities 2: Wilson D. Valluzzi R. Kaplan D. Related Articles, Links **PubMed Services** Conformational transitions in model silk peptides. Journals Database Biophys J. 2000 May;78(5):2690-701. MeSH Database Single Citation Matcher PMID: 10777765 [PubMed - indexed for MEDLINE] **Batch Citation Maicher** 3: MacPhee CE, Dobson CM Clinical Queries Related Articles, Links LinkOut Chemical dissection and reassembly of amyloid fibrils formed by a peptide Cubby fragment of transthyretin. J Mol Biol. 2000 Apr 14;297(5):1203-15. Related Resources PMID: 10764584 [PubMed - indexed for MEDLINE] Order Documents NLM Gateway TOXNET 4: Iida T, Matsunaga H, Santa T, Fukushima T, Homma H, Imai K. Related Articles, Links Consumer Health Amino acid sequence and D/L-configuration determination of peptides Clinical Alerts ClinicalTrials gov utilizing liberated N-terminus phenylthiohydantoin amino acids. PubMed Central J Chromatogr A. 1998 Jul 17;813(2):267-75. PMID: 9700927 [PubMed - indexed for MEDLINE] Privacy Policy 5. Hermansen LF, Bergman T, Jornvall H, Husby G, Ranlov I, Sletten Related Articles, Links Purification and characterization of amyloid-related transthyretin associated with familial amyloidotic cardiomyopathy. Eur J Biochem. 1995 Feb 1;227(3):772-9. PMID: 7867637 [PubMed - indexed for MEDLINE] 6: Allinguant B. Mova KL. Bouillot C. Prochiantz A. Related Articles, Links Amyloid precursor protein in cortical neurons: coexistence of two pools differentially distributed in axons and dendrites and association with cytoskeleton. J Neurosci. 1994 Nov;14(11 Pt 2):6842-54. PMID: 7965082 [PubMed - indexed for MEDLINE] 7: Dvrks T, Dyrks E, Masters C, Beyreuther K. Related Articles, Links Membrane inserted APP fragments containing the beta A4 sequence of Alzheimer's disease do not aggregate. FEBS Lett. 1992 Aug 31;309(1):20-4. PMID: 1511741 [PubMed - indexed for MEDLINE] 8: Kawai M, Cras P, Richey P, Tabaton M, Lowery DE, Gonzalez-Related Articles, Links DeWhitt PA, Greenberg BD, Gambetti P, Perry G.

Subcellular localization of amyloid precursor protein in senile plaques of

b e

e ch

cb

h g

e e

fcg

е

Alzheimer's disease.

Am J Pathol. 1992 Apr; 140(4):947-58.

PMID: 1562053 [PubMed - indexed for MEDLINE]

9: Gabizon R, McKinley MP, Groth DF, Kenaga L, Prusiner SB.

Related Articles, Links

Properties of scrapie prion protein liposomes.

J Biol Chem. 1988 Apr 5;263(10):4950-5.

PMID: 3350818 [PubMed - indexed for MEDLINE]

Display Summary •

Items 1-9 of 9

Show: 200 Sort

ort 💌 🤱

Send to Text

One page.

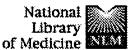
Write to the Help Desk
NCB! | NLM | NIH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

Jun 12 2003 10:19:17

h







Page 1 of 3

Nucleotide Protein Genome Shumme PMC Taxonomy MIMO Book Search PubMed for amyloid AND propanol Go Clear Preview/Index History Clipboard Details About Entrez Limits: only items with abstracts, English Display Summary Send to Text Text Version Items 1-18 of 18 One page. Entrez PubMed 1: Vieira EP, Hermel H, Mohwald H. Related Articles, Links Overview Help | FAQ Change and stabilization of the amyloid-beta(1-40) secondary structure by Tutorial fluorocompounds. New/Noteworthy Biochim Biophys Acta. 2003 Jan 31;1645(1):6-14. E-Utilities PMID: 12535605 [PubMed - indexed for MEDLINE] PubMed Services 2: Kessler JC, Rochet JC, Lansbury PT Jr. Related Articles, Links Journals Database The N-terminal repeat domain of alpha-synuclein inhibits beta-sheet and MeSH Database Single Citation Matcher amyloid fibril formation. **Batch Citation Matcher** Biochemistry. 2003 Jan 28;42(3):672-8. Clinical Queries PMID: 12534279 [PubMed - indexed for MEDLINE] LinkOut Cubby 3: Padrick SB, Miranker AD. Related Articles, Links Related Resources Islet amyloid: phase partitioning and secondary nucleation are central to the Order Documents mechanism of fibrillogenesis. NLM Gateway Biochemistry. 2002 Apr 9;41(14):4694-703. TOXNET PMID: 11926832 [PubMed - indexed for MEDLINE] Consumer Health Clinical Alerts 4: Nilsson MR, Nguyen LL, Raleigh DP. Related Articles, Links ClinicalTrials gov PubMed Central Synthesis and purification of amyloidogenic peptides. Anal Biochem. 2001 Jan 1;288(1):76-82. Privacy Policy PMID: 11141308 [PubMed - indexed for MEDLINE] 5: Wille H. Prusiner SB, Cohen FE Related Articles, Links Scrapie infectivity is independent of amyloid staining properties of the Nterminally truncated prion protein. J Struct Biol. 2000 Jun; 130(2-3):323-38. PMID: 10940236 [PubMed - indexed for MEDLINE] 6: Higham CE, Jaikaran ET, Fraser PE, Gross M, Clark A. Related Articles, Links Preparation of synthetic human islet amyloid polypeptide (IAPP) in a stable conformation to enable study of conversion to amyloid-like fibrils. FEBS Lett. 2000 Mar 17;470(1):55-60. PMID: 10722845 [PubMed - indexed for MEDLINE] 7: He XY, Yang YZ, Schulz H, Yang SY. Related Articles, Links Intrinsic alcohol dehydrogenase and hydroxysteroid dehydrogenase activities of human mitochondrial short-chain L-3-hydroxyacyl-CoA dehydrogenase. Biochem J. 2000 Jan 1;345 Pt 1:139-43. PMID: 10600649 [PubMed - indexed for MEDLINE] 8: Howlett DR, George AR, Owen DE, Ward RV, Markwell RE. Related Articles, Links

Common structural features determine the effectiveness of carvedilol, daunomycin and rolitetracycline as inhibitors of Alzheimer beta-amyloid

b e

e ch

h

cb

h g

e e

fcg

е



Biochem J. 1999 Oct 15;343 Pt 2:419-23.

PMID: 10510309 [PubMed - indexed for MEDLINE]

9: Thunecke M, Lobbia A, Kosciessa U, Dyrks T, Oakley AE, Turner Related Articles, Links J, Saenger W, Georgalis Y.

Aggregation of A beta Alzheimer's disease-related peptide studied by dynamic light scattering.

J Pept Res. 1998 Dec;52(6):509-17.

PMID: 9924995 [PubMed - indexed for MEDLINE]

10: Lee RK, Araki W, Wurtman RJ.

Related Articles, Links



Stimulation of amyloid precursor protein synthesis by adrenergic receptors coupled to cAMP formation.

Proc Natl Acad Sci U S A. 1997 May 13;94(10):5422-6. PMID: 9144253 [PubMed - indexed for MEDLINE]

11: Wille H. Zhang GF, Baldwin MA, Cohen FE, Prusiner SB.

Related Articles, Links



Separation of scrapie prion infectivity from PrP amyloid polymers.

J Mol Biol. 1996 Jun 21;259(4):608-21.

PMID: 8683568 [PubMed - indexed for MEDLINE]

12: Chan W, Fornwald J, Brawner M, Wetzel R.

Related Articles, Links



Native complex formation between apolipoprotein E isoforms and the Alzheimer's disease peptide A beta.

Biochemistry. 1996 Jun 4;35(22):7123-30.

PMID: 8679539 [PubMed - indexed for MEDLINE]

13: Wille H, Baldwin MA, Cohen FE, DeArmond SJ, Prusiner SB.

Related Articles, Links



Prion protein amyloid: separation of scrapie infectivity from PrP polymers.

Ciba Found Symp. 1996;199:181-99; discussion 199-201. PMID: 8915611 [PubMed - indexed for MEDLINE]

14: Singh IN, McCartney DG, Kanfer JN.

Related Articles, Links



Amyloid beta protein (25-35) stimulation of phospholipases A, C and D activities of LA-N-2 cells.

FEBS Lett. 1995 May 29;365(2-3):125-8.

PMID: 7781763 [PubMed - indexed for MEDLINE]

15: Safar J, Roller PP, Gajdusek DC, Gibbs CJ Jr.

Related Articles, Links



Thermal stability and conformational transitions of scrapie amyloid (prion) protein correlate with infectivity.

Protein Sci. 1993 Dec;2(12):2206-16.

PMID: 7905316 [PubMed - indexed for MEDLINE]

116: Burdick D. Soreghan B. Kwon M, Kosmoski J, Knauer M. Henschen A, Yates J, Cotman C, Glabe C.

Related Articles, Links



Assembly and aggregation properties of synthetic Alzheimer's A4/beta amyloid peptide analogs.

J Biol Chem. 1992 Jan 5;267(1):546-54.

PMID: 1730616 [PubMed - indexed for MEDLINE]

17: Linke RP, Hampl H, Lobeck H, Ritz E, Bommer J, Waldherr R. Related Articles, Links Eulitz M.



Lysine-specific cleavage of beta 2-microglobulin in amyloid deposits associated with hemodialysis.

Kidney Int. 1989 Oct;36(4):675-81.

PMID: 2509779 [PubMed - indexed for MEDLINE]

18: Bergfeldt BL, Olofsson BO, Edhag KO.

Related Articles, Links

Electrophysiologic evaluation of the cardiac conduction system and its autonomic regulation in familial amyloid polyneuropathy.

Am J Cardiol. 1985 Oct 1;56(10):647-52.

PMID: 4050703 [PubMed - indexed for MEDLINE]

Display Summary Show: 200 Sort Send to Text

Items 1-18 of 18

One page.

Write to the Help Desk
NCBI | NLM | NIH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

Jun 12/2003 10:19:17